

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022819\
 Data File : VW008879.D
 Acq On : 28 Feb 2019 11:24
 Operator : SY/VA
 Sample : VW0228SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0228SBL01

Quant Time: Mar 01 06:21:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 22 00:38:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	353934	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	537992	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	477311	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	221880	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	183693	55.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.68%	
35) Dibromofluoromethane	7.88	113	164810	51.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.04%	
50) Toluene-d8	10.32	98	642820	51.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.10%	
62) 4-Bromofluorobenzene	12.62	95	214725	43.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.96%	

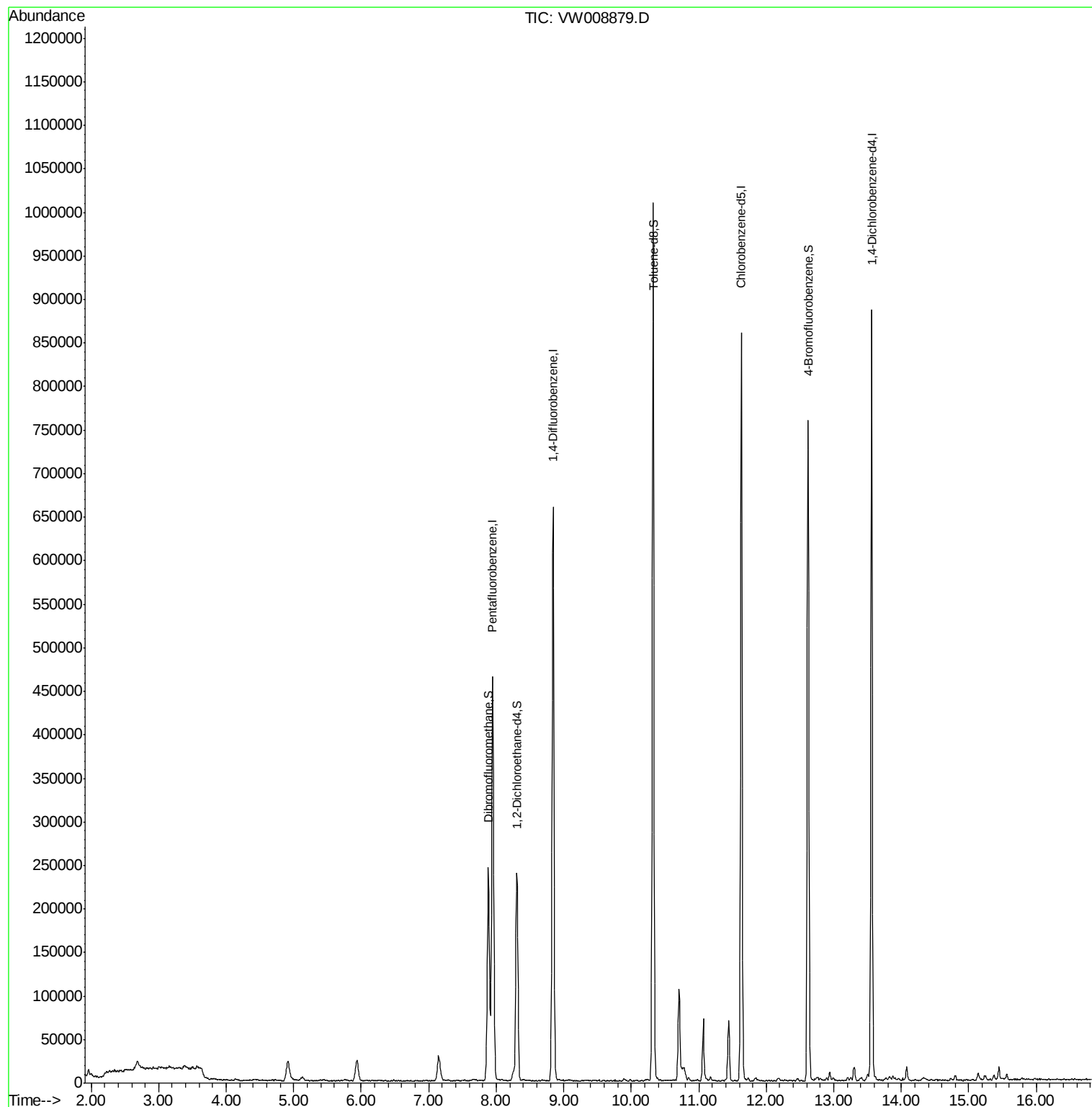
Target Compounds	Qvalue

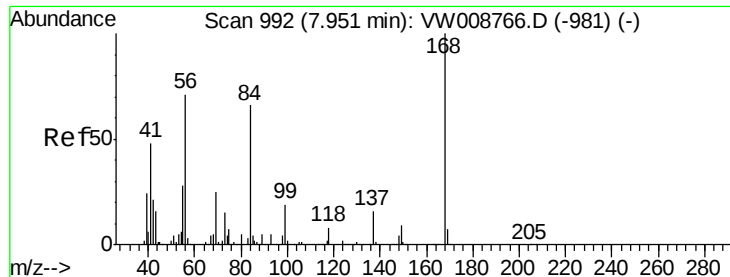
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Feb 22 00:38:32 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW008879.D

Acq: 28 Feb 2019 11:24

Instrument :

MSVOA_W

ClientSampleId :

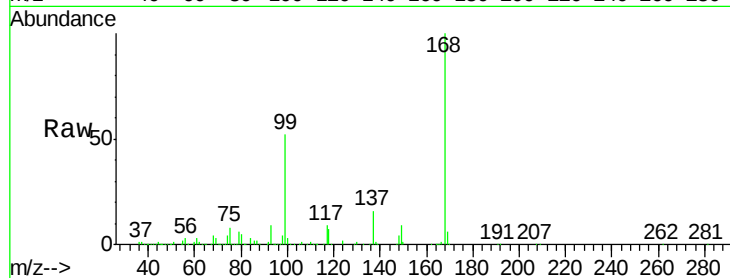
VW0228SBL01

Tot Ion:168 Resp: 353934

Ion Ratio Lower Upper

168 100

99 51.7 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

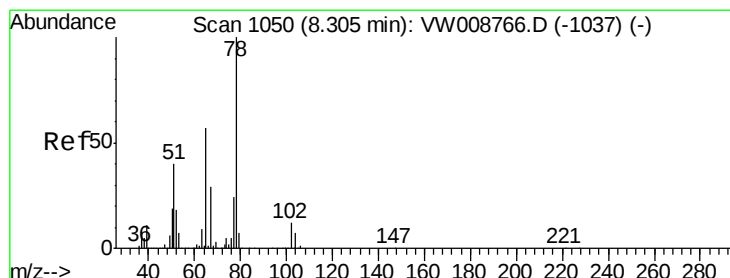
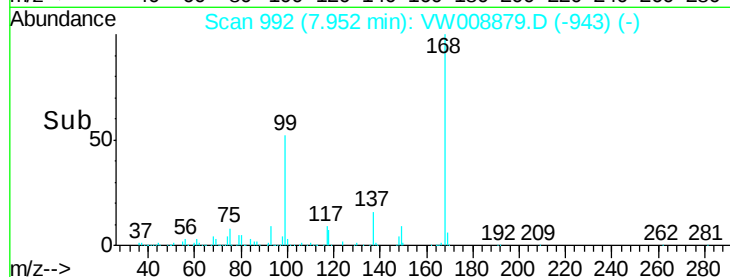
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 55.336 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW008879.D

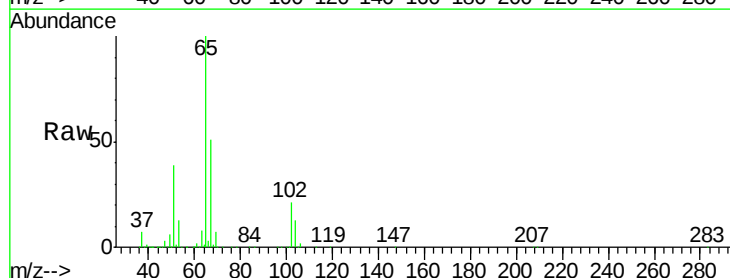
Acq: 28 Feb 2019 11:24

Tgt Ion: 65 Resp: 183693

Ion Ratio Lower Upper

65 100

67 50.3 0.0 101.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

100000

80000

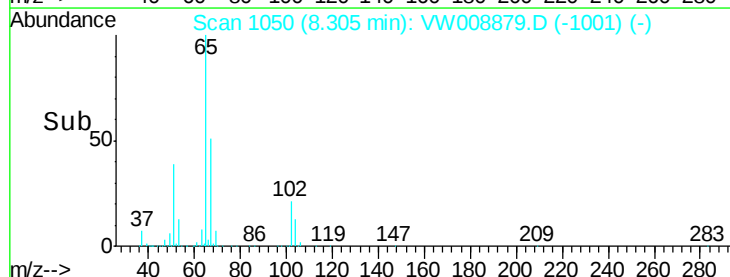
60000

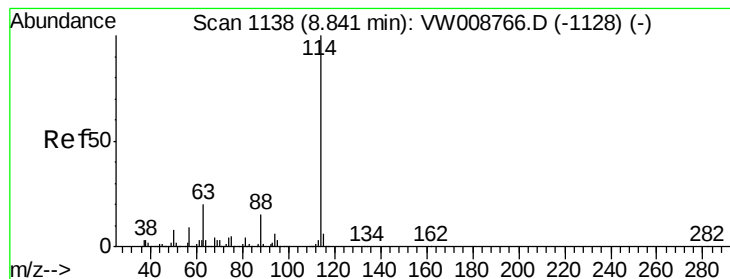
40000

20000

0

Time--> 8.20 8.30 8.40





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW008879.D

Acq: 28 Feb 2019 11:24

Instrument :

MSVOA_W

ClientSampleId :

VW0228SBL01

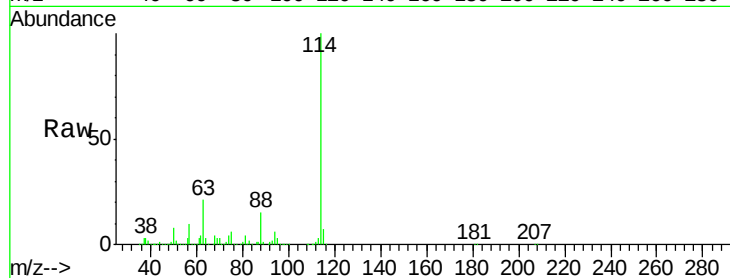
Tot Ion:114 Resp: 537992

Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.8

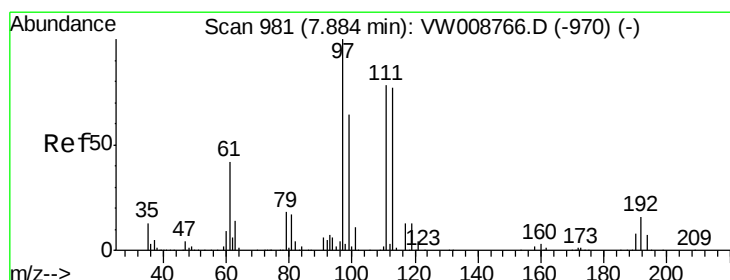
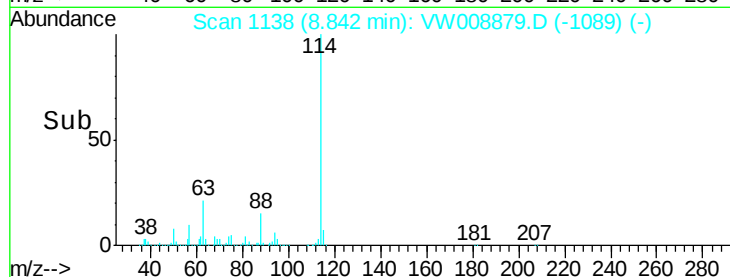
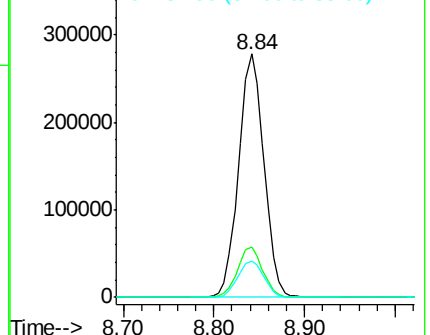
88 15.1 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 51.022 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008879.D

Acq: 28 Feb 2019 11:24

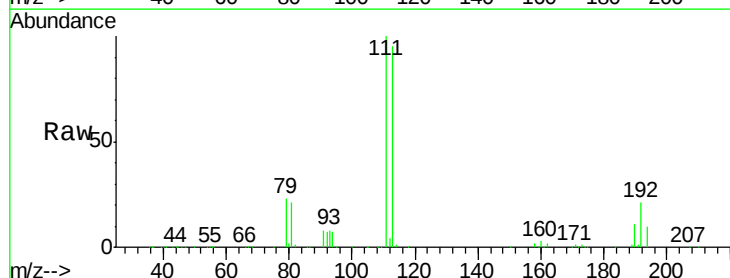
Tgt Ion:113 Resp: 164810

Ion Ratio Lower Upper

113 100

111 103.3 81.9 122.9

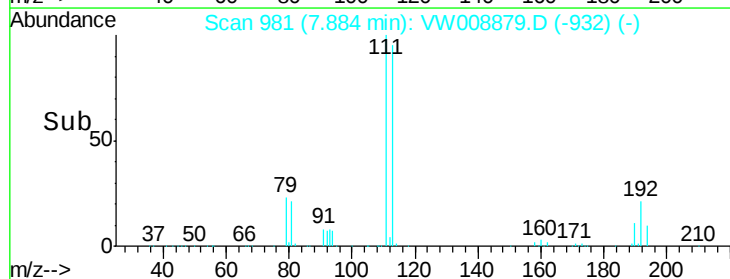
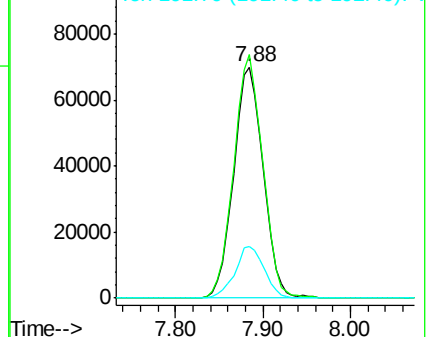
192 22.2 17.1 25.7

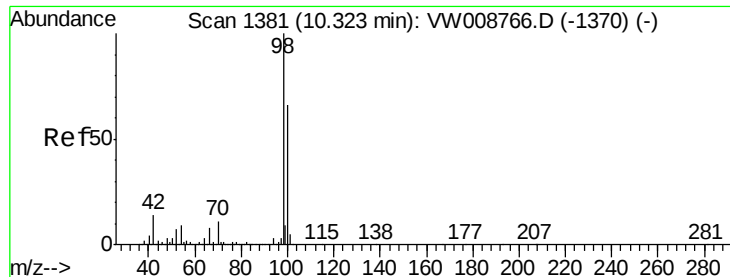


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.552 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008879.D

Acq: 28 Feb 2019 11:24

Instrument :

MSVOA_W

ClientSampleId :

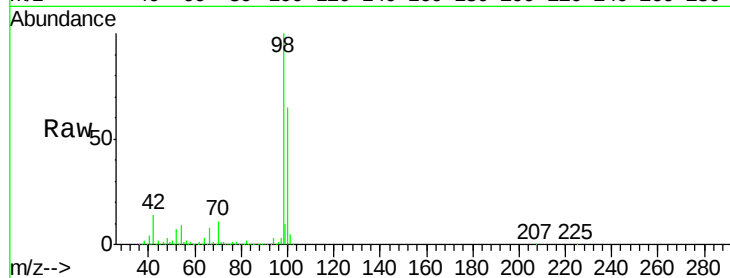
VW0228SBL01

Tot Ion: 98 Resp: 642820

Ion Ratio Lower Upper

98 100

100 64.8 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.32

400000

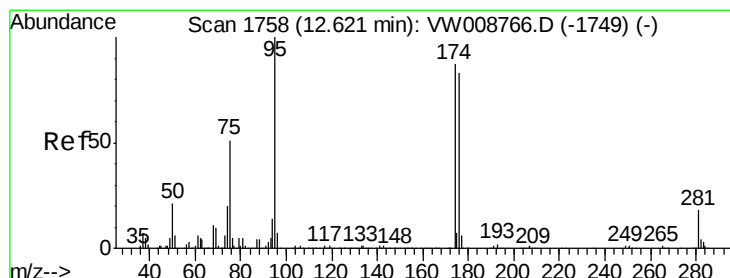
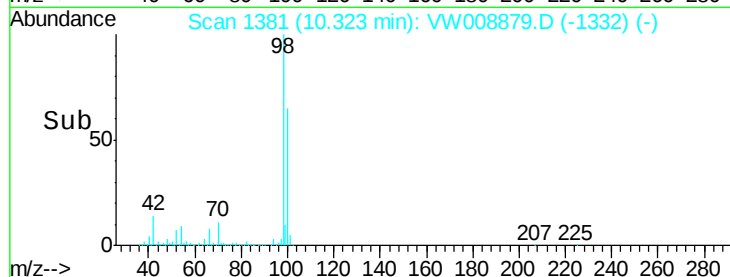
300000

200000

100000

0

Time--> 10.20 10.30 10.40



#62

4-Bromofluorobenzene

Concen: 43.980 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008879.D

Acq: 28 Feb 2019 11:24

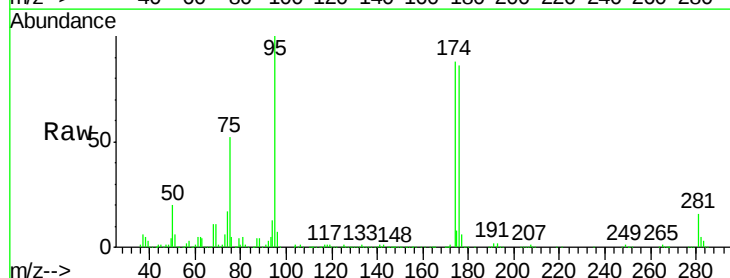
Tgt Ion: 95 Resp: 214725

Ion Ratio Lower Upper

95 100

174 88.0 0.0 169.2

176 83.7 0.0 163.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.62

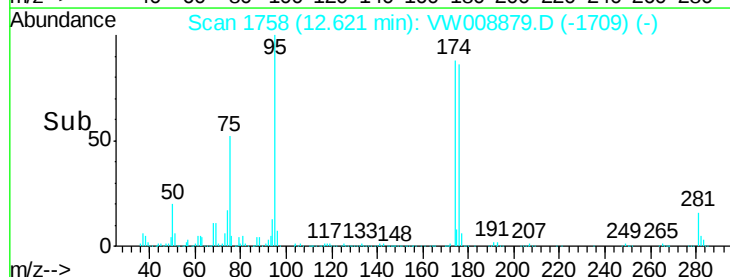
150000

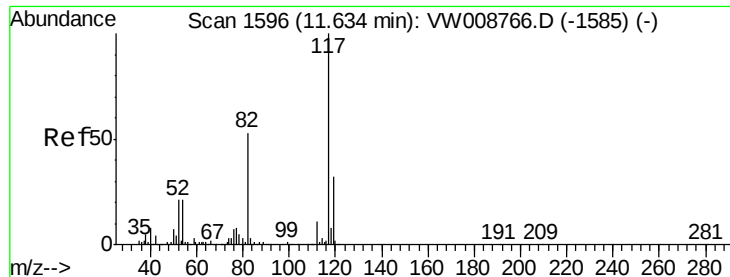
100000

50000

0

Time--> 12.60 12.70

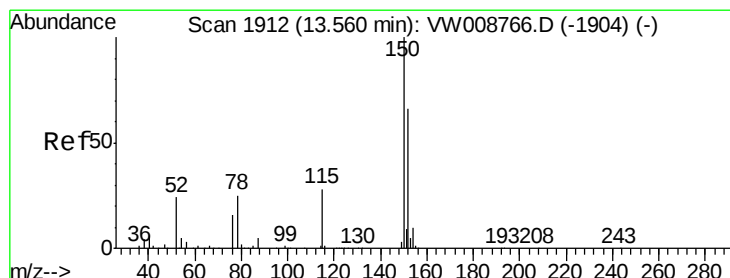
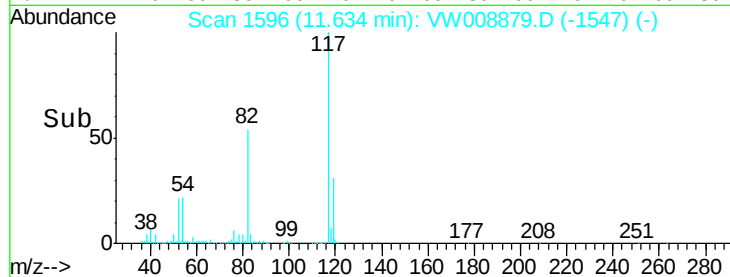
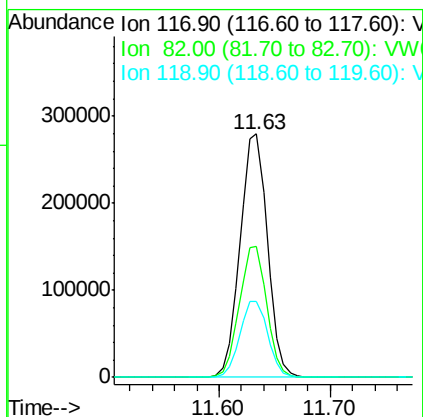
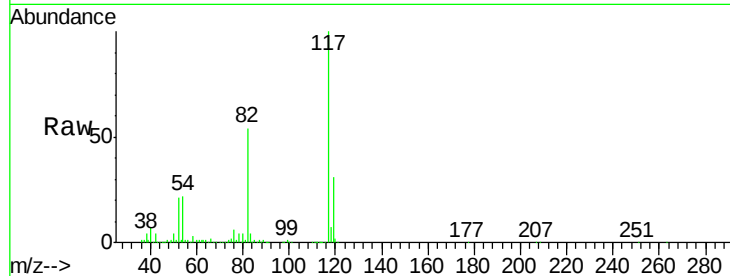




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008879.D
Acq: 28 Feb 2019 11:24

Instrument :
MSVOA_W
ClientSampleId :
VW0228SBL01

Tot Ion:117 Resp: 477311
Ion Ratio Lower Upper
117 100
82 53.7 42.2 63.4
119 31.3 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008879.D
Acq: 28 Feb 2019 11:24

Tgt Ion:152 Resp: 221880
Ion Ratio Lower Upper
152 100
115 57.4 28.6 85.8
150 158.4 0.0 348.0

